

U.S. Application No. 10/781,677

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A data processing method comprising steps of:

generating a second database as a duplicate of a first database allowing access from a program and after completion of the generation, switching a program access allowance from the first database to the second ~~database, database:~~

after switching the program access allowance, storing a history of a processing of the program to the second database as a processing history and ~~reorganizing-executing predetermined processing for the first database, database,~~
the processing history being stored during the execution of the predetermined processing;

after completion of the ~~reorganization-predetermined processing~~ of the first database, ~~subjecting-updating~~ the first database to the processing based on the processing history stored, during the predetermined processing; and

upon completion of the ~~processing-updating~~ of the first database according to the processing history stored, switching the program access allowance from the second database to the first database.

2. (currently amended) A data processing device comprising:

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means for generating a second database as a duplicate of a first database allowing access from a ~~program, program;~~

means for switching a program access allowance from the first database to the second database after completion of the ~~generation, generation;~~

means for storing a history of a processing of the program to the second database as a processing history and ~~reorganizing-executing predetermined processing for~~ the first database after switching the program access allowance, allowance, the processing history being stored during the execution of the predetermined processing;

means for ~~subjecting-updating~~ the first database to the processing based on the processing history stored during the predetermined processing, after completion of the ~~reorganization-predetermined processing~~ of the first ~~database, database;~~ and

means for switching the program access allowance from the second database to the first database upon completion of the ~~processing-updating~~ of the first database according to the processing history stored.

3. – 8. (canceled)

9. (currently amended) A data processing method as claimed in ~~claim 4~~ claim 1, wherein the program processing to the second database and the predetermined processing to the first database are performed in parallel and concurrently.

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10. – 16. (canceled)

17. (currently amended) A data processing device as claimed in ~~claim~~
42claim 2, wherein means for the program processing to the second database and
means for the predetermined processing to the first database operate in parallel.

18. – 19. (canceled)

20. (new) A data processing method as claimed in claim 1, wherein the
predetermined processing is reorganizing the first database.

21. (new) A data processing device as claimed in claim 2, wherein the
predetermined processing is reorganizing the first database.

22. (new) A data processing program comprising codes, the program when
executed on a data processing device causing the data processing device to
perform:

generating a second database as a duplicate of a first database allowing
access from a program and after completion of the generation, switching a program
access allowance from the first database to the second database;

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after switching the program access allowance, storing a history of a processing of the program to the second database as a processing history and executing predetermined processing for the first database, the processing history being stored during the execution of the predetermined processing;

after completion of the predetermined processing of the first database, updating the first database based on the processing history stored during the predetermined processing; and

upon completion of the updating of the first database according to the processing history stored, switching the program access allowance from the second database to the first database.